NO. 5046 P. 4

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## Listing of Claims

1. (Currently Amended) An organic electronic device comprising at least one layer comprising a compound having Formula I

$$R^{1}$$
 $R^{2}$ 
 $R^{3}$ 
 $R^{3}$ 
 $R^{3}$ 
 $R^{3}$ 

wherein:

 $R^1 = H, R^4, OR^4, N(R^4)_2$ 

 $R^2 = H, C_nF_{2n+1}, C_nF_{2n+1}SO_2, COOR^4, CN$ 

 $R^3 = H, C_nF_{2n+1}, C_nF_{2n+1}SO_2, COOR^4, CN$ 

R<sup>4</sup> is the same or different at each occurrence and is H, alkyl, aryl, or adjacent R<sup>4</sup> groups can join together to form a 5- or 6-membered ring,

L' = a monoanionic bidentate ligand and is not a phenylpyridine, phenylpyrimidine, or phenylquinoline;

L" = a monodentate-ligand, and is not a phonylpyridine, and phonylpyrimidine, or phonylquinoline;

m = [[1,]] 2 [[or 3]],

n is an integer from 1 through 20,

y = [[0,]] 1 [[or 2]], and

z = 0 or an integer from 1 through 4,



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with the proviso that the compound is charge neutral and the iridium is hexacoordinate.

- 2. (Original) The device of Claim 1 wherein  $R^2$  and  $R^3$  are independently selected from H,  $CF_3$ ,  $C_2F_3$ ,  $n-C_3F_7$ ,  $i-C_3F_7$ ,  $C_4F_9$ ,  $CF_3SO_2$ ,  $COOR^4$  and CN.
  - 3-8 (Canceled)
- 9. (Currently Amended) The device of Claim [[8]] 1 wherein L' is a β enolate having has Formula III:

$$\begin{array}{c}
C \longrightarrow O \\
CR^{6} & (-1) \\
C \longrightarrow O
\end{array}$$
(III)

where

 $R^5$  is the same or different at each occurrence and is selected from hydrogen, halogen, substituted or unsubstituted alkyl, aryl, alkylaryl and heterocyclic groups, or adjacent  $R^5$  and  $R^6$  groups can be joined to form five- and six-membered rings, which can be substituted, and

R<sup>6</sup> is selected from alkyl, aryl, alkylaryl, heterocyclic groups, and fluorine.

10. (Currently Amended) The device of Claim [[8]] 1 wherein L' is a phosphinoalkoxide having Formula IV:

$$\begin{array}{c}
R^{8} \\
P - [C(R^{7})_{2}]_{\phi} - O^{(-1)}
\end{array}$$
(IV)

where

 $R^7$  can be the same or different at each occurrence and is selected from H and  $C_n(H+F)_{2n+1}$ ,

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 $R^8$  can be the same or different at each occurrence and is selected from  $C_n(H+F)_{2n+1}$  and  $C_6(H+F)_5,$  or  $C_6H_{5-n}(R^9)_n,$ 

 $R^9 = CF_3$ ,  $C_2F_5$ , n- $C_3F_7$ , i- $C_3F_7$ ,  $C_4F_9$ ,  $CF_3SO_2$ , and  $\phi$  is 2 or 3.

- 11. (Canceled)
- 12. (Original) The device of Claim 1 wherein the at least one layer is a light-emitting layer.
- 13. (Original) The device of Claim 12 wherein the light-emitting layer further comprises a diluent.
- 14. (Original) The device of Claim 13 wherein the diluent comprises a polymeric or small molecule material, or a mixture thereof.
  - 15 16 (Canceled)
- 17. (Original) A compound selected from Formula IX, Formula XI, and Formula XII:

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$$Me_2N$$
 $F_3CO_2S$ 
 $F$ 
 $Me_2N$ 
 $Me_2N$ 

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18. (Currently Amended) [[A]] An organic electronic device comprising at least one layer comprising an electroluminescent compound that has blue luminescence having a structure selected from Formula XIII, Formula XIV, and Formula XV below:

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$$F_3$$
C  $F_3$   $F_4$ C  $F_3$   $F_5$ C  $F_$ 

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19. (Original) A compound having Formula VIII:

- 20. (New) The device of Claim 1 wherein L' is heptafluoro-acac.
- 21. (New) The device of Claim 20 wherein the heptafluoro-acac is 1,1,1,3,5,5,5-heptafluoro-2,4-pentanedionate [F7 acac].